



LEGEND

COMMON NAME	SIZE	QTY
SHRUB, BROADLEAF		
Boxwood, Wintergreen	3 GAL.	60
Holly, Needlepoint	7 GAL.	27
Azalea Fashion	3 GAL.	27
Miscanthus Sinensis	3 GAL.	23
Knockout Rose	3 GAL.	14
Yew, Upright Japanese	7 GAL.	16
Drift Rose, White	3 GAL.	15
SHRUB, EVERGREEN CONIFER		
Juniper, Parsoni	3 GAL.	14
TREE, DECIDUOUS		
Crape Myrtle Tuscarora	25" CAL.	10
Hornbeam, European	25" CAL.	11
Oak, Sawtooth	25" CAL.	7

SITE DATA:

PROPERTY OWNER	ESSEX FIVE LLC
PROJECT ADDRESS	5723 MARKET ST.
PIN NUMBER	R05009-004-026-000
AREA NOT IN A FEMA 100-YEAR FLOOD ZONE.	
ZONING DISTRICT	RB-REGIONAL BUSINESS
DISTURBED AREA	2.0 Ac. X 15 = 30 Trees 2' Cal. Req'd & Prov'd.
SETBACKS REQUIRED	FRONT: 25' REAR: 15' SIDE: 0'
PROPOSED BUILDING SETBACKS	FRONT: 110' REAR: 11' SIDE: 55'
TRACT AREA	77,347 SF (1.78 AC)
BUILDING USE	AUTOMOBILE DEALER
PROPOSED BUILDING AREA (GROSS)	7,120 SF
BUILDING LOT COVERAGE (3,560/77,347)	9.21%
NUMBER OF UNITS	1
NUMBER OF BUILDINGS	1
BUILDING HEIGHT	27'
NUMBER OF STORIES	1
EXISTING IMPERVIOUS AREAS:	
EXISTING BUILDING	0 SF
EXISTING CONCRETE	0 SF
EXISTING CRUSHED STONE	0 SF
EXISTING ASPHALT	0 SF
EXISTING IMPERVIOUS AREA	0 SF (0.00%)
PROPOSED IMPERVIOUS AREAS:	
PROPOSED BUILDING FOOTPRINT	7,120 SF
PROPOSED ASPHALT	46,120 SF
PROPOSED SIDEWALK	380 SF
EXISTING IMPERVIOUS	0 SF
OFFSITE IMPERVIOUS	0 SF
TOTAL IMPERVIOUS AREA	53,620 SF (69.21%)
PARKING REQUIRED: (AUTOMOBILE DEALERS)	
MAXIMUM: NONE	-
MINIMUM: 1/500 SF (7,120/500)	14
TOTAL PARKING PROVIDED:	87
CAMA LAND USE:	URBAN
PUBLIC WATER AND SEWER BY CFPWA	
EXISTING WATER FLOW:	0 GPD
EXISTING SEWER FLOW:	0 GPD
PROPOSED WATER FLOW:	939 GPD
(120 GPD/1000 SF x 7,120 SF x 110%/%)	
PROPOSED SEWER FLOW:	854 GPD
120 GPD/1000 SF x 7,120 SF)	
HANDICAP SPACES REQUIRED (1-25 SPACES= 1 HANDICAP SPACE)	PROPOSED
87 SPACES/25=1	4 HANDICAP SPACES
BICYCLE PARKING REQUIRED (87 SPACES)	5 BICYCLE PARKS
BICYCLE PARKING PROPOSED	5 BICYCLE PARKS
PROPOSED IMPERVIOUS AREA	46,120 SF x 20% shading req'd = 9,224 SF
PARKING/DRIVEWAYS	9,359 SF prov'd.

Market St. Primary Streetyard: 37.5 x 42 w = 1575sf Req'd. landscape 3 understory trees per 600sf = 8 trees 6 shrubs per 600sf = 16 shrubs	Total Calc: 3515sf Req'd. Landscape 17 Understory Trees 35 Shrubs 18" Ht.	per Creative Code: 1758sf 9 18	Provided: 9 New 18+
12.5 x 100 w = 1250sf Req'd. landscape 3 understory trees per 600sf = 6 trees 6 shrubs per 600sf = 12 shrubs			
30' x 23' w = 690sf Req'd. landscape 3 understory trees per 600sf = 3 trees 6 shrubs per 600sf = 7 shrubs			

A rain/freeze sensor shall be used if there is an irrigation system. USING THE CREATIVE STANDARD OF THE CODE 50% OF THE STREETYARDS SHALL BE PLANTED AS CALLED OUT.

FOR TO ANY CLEARING, GRADING OR CONSTRUCTION ACTIVITY, TREE PROTECTION FENCING SHALL BE INSTALLED AROUND PROTECTED TREES OR GROVES OF TREES. NO CONSTRUCTION WORKERS, TOOLS, MATERIALS OR VEHICLES ARE PERMITTED WITHIN THE TREE PROTECTION FENCING.

All planted and retained living material required to meet the provisions of the City of Wilmington Land Development Code, shall be perpetually protected and maintained to professionally accepted standards by joint and several responsibility of the owner, tenant and respective agents of the property on which the material is located.

The areas within the triangular sight distance shall be maintained free of all obstructions between 30' and 10'.

Approved Construction Plan	
Name	Date
Planning	
Traffic	
Fire	

STORMWATER MANAGEMENT PLAN	
APPROVED	
CITY OF WILMINGTON	
ENGINEERING DEPARTMENT	
DATE	PERMIT #
SIGNED _____	

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<p>Revision #: 2</p> <p>Date: 7/13/2016</p>	<p>Scale:</p> <p>1" = 30'</p>	<p>Landscape Plan:</p> <p>Matthews Motors</p>	<p>Landscape Design by: James Freeman - NCLC #71</p> <p>Freeman Landscape, Inc.</p>
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